Program Description/Textbook or Print Instructional Material

Vendor: Pearson Education, Inc., publishing as Pearson Prentice Hall   Web Address: www.phschool.com

Title: **Simply Visual Basic. NET**

Author: Harvey Deitel, Paul Deitel, Tem Nieto   Copyright: 2003

ISBN: 0-13-140553-5   Course/Content Area: Information Technology: Programming

Intended Grade or Level: 9-12   Readability Level: Not Available

List Price: $ 66.63   Lowest Wholesale Price: $ 49.97

Level of Accommodations (Level One, Two, or Three)   Three

If Level Two or Three, please provide rationale for not meeting Level One Compliance.   Pearson Prentice Hall is unable to provide files in Levels One or Two due to the variety of page layout systems used to create the text. These systems are not compatible with specialized formats such as XML or HTML.

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

This text combines the Deitel™ signature Live-Code™ Approach with a new Application-Driven ™ methodology, in which readers build real-world applications that incorporate Visual Basic.NET programming fundamentals. The text features step-by-step tutorial approach, UML activity diagrams replace flowcharts, a glossary of Visual Basic.NET and programming terms, self-review exercises and answers after each section in a tutorial. Easy reference line numbers are in every sample program. Screenshots show the output of every sample program. The included CD-ROM provides additional activities, assessments, and audio materials.

Student Experiences

The students using this powerful program will receive step-by-step tutorial instruction, with application-driven methodology. Code highlight emphasizes key portions of the source-code listings and line numbers are used for easy reference along with screenshots for every sample program. Self-review exercises and answers are provided after each section in a tutorial. The CD-ROM provides hands-on experience, study aids, and hours of audio, along with self-assessment material.

Assessment

The text provides assessment as it progresses with self-review exercises and answers after each section in a tutorial. A Cyber Classroom CD-ROM is included with each text and provides additional self-assessment material plus study aids and other activities.

Organization

The 750 page text is organized into 32 chapters that go from the basics to more advanced applications. A glossary is also included.

Resource Materials

- **Gratis Items To Be Provided And Under What Conditions**

No gratis items are provided with this student text.

- **Available Ancillary Materials**

Website: www.prenhall.com

RESEARCH DATA/EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

The text and ancillaries have been thoroughly reviewed and tested by professionals in the programming field of expertise and by educators for pedagogical compliance.

Group V - Career/Technical
Vocational/Practical Living Education
Instructional Materials Evaluation Tool
IT Programming

Title: Simply Visual Basic.NET			Cost: $ 49.97
Publisher: Pearson Education/Prentice-Hall			
Item Evaluated: Textbook			
Copyright Date: 2003		Evaluator: Scott Horan/David Davis	
Content Level: 9-12		Date of Evaluation: 7/29/2003	
Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance
This section completed by Exceptional Children Services			

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:
X Recommended by reviewers to State Textbook Commission
☐ Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.

Title: Simply Visual Basic.NET	Publisher: Pearson Education/P-H

Technology Management Summary Data:	20 possible points	_____9_____ points earned
Technology Management Comments:		

Technology Presentation/Interface Summary Data:	40 possible points	_____16_____ points earned
Technology Presentation/Interface Comments:		

Content Summary Data:	36 possible points	_____32_____ points earned
Content Comments:		

Instruction & Management Summary Data	52 possible points	_____37_____ points earned
Instruction & Management Comments:		

Organization & Structure Summary Data	36 possible points	_____24_____ points earned
Organization & Structure Comments:		

Resource Material Summary Data	40 possible points	_____31_____ points earned
Resource Material Comments:		

Group V - Career /Technical & Vocational/Practical Living
Electronic Instructional Media Review Form– CD for Simply Visual Basic.NET—Pearson/PH
Stand Alone/Independent or Integrated Software for IT Programming

Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)	Cost: Included with text	
Windows	Primary	**Individual**	Stand Alone/Independent	_____single copy	_____site license
Macintosh	Intermediate	**Small Group**	**Integrated**	_____network version	_____school version
CD-ROM	Middle	**Large Group**	Supplemental	____lab pack of ___ copies	**Links to other websites**
DVD	**High**		In lieu of basal test		
Sound					
Other					

If other, explain

Type of Software: Check all that apply	_____Simulation	**_____Management**	_____Interdisciplinary	**_____Problem Solving**	**____Tutorial**
_____Exploratory	_____Creativity	_____Drill and Practice	_____Critical Thinking	_____Utility	_____Other

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	2
Allows students to exit and resume at a later time.	2
Keeps a students performance record, where needed.	1
Allows control of various aspects of the software (e.g., turning sound off).	0
Allows for printed reports.	4
Comments:	**Total 9**

Presentation/Interface	Rating
Presents material in an organized manner.	3
Has consistent, easy-to-use, on-screen instructions.	2
Has developmentally correct presentation format.	3
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	2
Accessible for special needs students.	2
Runs smoothly, without long delays.	2
Presents easy-to-view text and graphics.	2
Presents easy-to-hear and understand sounds.	0
Avoids unnecessary screens, sounds, and graphics.	0
Provides immediate, appropriate feedback.	**0**
Comments: The chapters are organized around projects that are used as tutorials for skill development. This makes it difficult to locate specific skills outlined in the text.	**Total 16**

Content—IT Programming	Rating
Career Focus/Employability Skills/Workplace Readiness Skills	2
Customer Needs Analysis	2
Analysis of Programming Requirements	4
Develop Programming Structure	4
Design and Develop the Program	4
Implement Program Code	4
Test Program	4
Validate Program	4
Major Types of Programs: **Visual Basic**, Java, C++, etc.	4
Comments:	**Total** 32

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	4
Builds on Student Ideals	4
Engages Students	4
Develops Computer Maintenance Ideas	0
Promotes Student Thinking	4
Assesses Student Progress	1
Enhances The Learning Environment	2
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	2
Commonwealth Accountability Testing System (CATS) "like" Assessment is provided	2
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	3
Includes activities and opportunities for integration of technology.	4
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	4
Differentiation techniques and activities suggested.	3
Comments:	**Total 37**

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	1
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	3
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	4
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	0
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	3
Student materials seem durable and conducive to daily use.	2
Includes sufficient glossary, index and appendices.	4
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	3
Comments: The evaluated textbook was a paperback version.	**Total 24**

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	2
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	3
Extension activities including adaptations and accommodations for students with special needs.	3
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	2
Suggestions are made for integration of themes and /or interdisciplinary instruction.	2
Integration opportunities suggested and examples given.	3
Teacher resources are available online.	4
Online resources available – Repeat of information in text.	4
Online resources available – Practice skills only.	4
Online resources available – New application materials.	4
Comments: Many of the web-based resources consist of a set of links to websites other than Prentice-Hall.	**Total 31**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable